

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

*Sub B7
a1 cont*

Claim 1 (Currently Amended): An electronic camera which records, by separately compressing, a plurality of screens of image signals to a recording medium, comprising:

an image sensor for outputting camera signals of a subject at a predetermined time interval;

an imaging device for periodically outputting an image signal of an object;

a processor for creating said plurality of image signals from said camera signals outputted from said image sensor subjecting the image signal, outputted from said imaging device, to a signal processing;

a calculator for calculating an optimal a specific compression ratio for capable of compressing a preceding one of said image signals to a target size a preceding image signal, outputted from said processor and corresponding to a preceding screen, to a specific size;

a compressor for compressing a current one of said image signals with said optimal a current image signal, outputted from said processor and corresponding to a current screen, using the specific compression ratio; and

a recorder for recording to said a recording medium said a plurality of screens of compressed image signals created by said compressor.

Claim 1
Claim 2 (Currently Amended): An electronic camera according to claim 1, wherein said calculator calculates said optimal the specific compression ratio based on an arbitrary compression ratio, a signal size that said preceding image signal has been compressed with said arbitrary compression ratio a size of the compressed image signal obtained by compressing the preceding image signal with the arbitrary compression ratio, and said target the specific size.

B9 cont
Claim 3 (Currently Amended): An electronic camera according to claim 1, further comprising a selector for selecting one of a first recording mode to create within said recording medium a plurality of still image files separately respectively accommodating said the plurality of screens of said the compressed image signals and a second recording mode to create within said recording medium one a motion image file collectively accommodating said the plurality of screens of compressed image signals, wherein said processor creates a first resolution of an the image signal having a first resolution when said the first recording mode is selected by said selector and creates a second resolution of an the image signal having a second resolution when said the second recording mode is selected by said selector, and said target the specific size being is different between said the first recording mode and said the second recording mode.

Claim 4 (Currently Amended): An electronic camera according to claim 2, wherein said the first resolution is higher than said the second resolution, and said target size in said the specific size directed to the first recording mode being is greater than said target size in said the specific size directed to the second recording mode.

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Amendment Under 37 C.F.R. §1.111 dated December 2, 2003

Reply to the Office action of September 2, 2003

*A
and
B9
and*

Claim 5 (Currently Amended): An electronic camera according to claim 3, wherein said processor creates imaging device outputs one screen of the image signal at a first predetermined interval when said the first recording mode is selected and outputs one screen of the image signal at a second predetermined interval when said the second recording mode is selected.

Claim 6 (Currently Amended): An electronic camera according to claim 5, wherein said the first predetermined interval is longer than said the second predetermined interval.